ELSEVIER

Journal of Hydrology 261 (2002) 252

Journal of Hydrology

www.elsevier.com/locate/jhydrol

Contents of Volume 261

Vol. 261 Nos. 1–4 **April 15, 2002**

Review

Rainfall intensity–kinetic energy relationships: a critical literature appraisal
A.I.J.M. van Dijk, L.A. Bruijnzeel and C.J. Rosewell 1

Research papers

Use of abstraction regime and knowledge of hydrogeological conditions to control high-fluoride concentration in abstracted groundwater: San Luis Potosí basin, Mexico
J.J. Carrillo-Rivera, A. Cardona and W.M. Edmunds 24
Comparison of different automated strategies for calibration of rainfall-runoff models
H. Madsen, G. Wilson and H.C. Ammentorp 48
A correlation–regression method for tracking rainstorms using rain-gauge data
G.J.G. Upton 60
Modeling of solute transport in a single fracture using streamline simulation and experimental validation
M. Jang, J. Lee, J. Choe and J.M. Kang 74
Intraseasonal dynamics of soil moisture variability within a small agricultural maize cropped field
F. Hupet and M. Vanclooster 86
Evaluation of eight different methods to predict hillslope runoff rates for a grazing catchment in Australia
B. Fentie, B. Yu, M.D. Silburn and C.A.A. Ciesiolka 102
Analysis of the linkage between rain and flood regime and its application to regional flood frequency estimation
J.M. Cunderlik and D.H. Burn 115
Evaluation of mean residence time in subsurface waters using oxygen-18 fluctuations during drought conditions in the mid-Appalachians
K.J. McGuire, D.R. DeWalle and W.J. Gburek 132
Simulation of the annual water table dynamics of a floodplain wetland, Narborough Bog, UK
C. Bradley 150
Residence times and flow paths of water in steep unchannelled catchments, Tanakami, Japan
Y. Asano, T. Uchida and N. Ohte 173
Runoff hydrograph simulation based on time variable isochrone technique
B. Saghafian, P.Y. Julien and H. Rajaie 193
Impacts of human activity on river runoff in the northern area of China
L. Ren, M. Wang, C. Li and W. Zhang 204
Selecting fingerprint properties for discriminating potential suspended sediment sources in river basins
A.L. Collins and D.E. Walling 218

Discussions

Comment: 'The effect of cavity wall irregularities on seepage exclusion from horizontal cylindrical underground openings' by D.L. Hughson, F.T. Dodge, 2000. Journal of Hydrology 228, 206–214
A.R. Kacimov and 245
Reply to comment: 'The effect of cavity wall irregularities on seepage exclusion from horizontal cylindrical underground openings' by D.L. Hughson and F.T. Dodge, 2000. Journal of Hydrology 228, 206–214
D.L. Hughson and F.T. Dodge 248